

Title (en)

A GMC FILTER AND METHOD FOR SUPPRESSING UNWANTED SIGNALS INTRODUCED BY THE FILTER

Title (de)

GMC-FILTER UND VERFAHREN ZUR UNTERDRÜCKUNG DURCH DAS FILTER EINGEFÜHRTER UNERWÜNSCHTER SIGNALE

Title (fr)

FILTRE GMC ET PROCEDE PERMETTANT D'ELIMINER DES SIGNAUX INDESIRABLES INTRODUITS PAR LE FILTRE

Publication

EP 1320928 A4 20040303 (EN)

Application

EP 01971404 A 20010907

Priority

- US 0142058 W 20010907
- US 66384800 A 20000918

Abstract (en)

[origin: WO0223723A1] A G>m<C filter (300) that suppresses unwanted signals generated by a G>m<C compression stage (C1, 302). The G>m<C filter (300) utilizes the same compression stages (304, 306) for the decompression stages. By using the same compression stages (304, 306) for the decompression stages unwanted in-band signals generated by the compression stage (C1, 302) are suppressed. Further, over all circuitry is decreased, power is saved, and G>m<C filter design is simplified.

IPC 1-7

H03K 5/00; **H03H 11/04**

IPC 8 full level

H03G 7/08 (2006.01); **H03H 11/04** (2006.01)

CPC (source: EP KR US)

H03G 7/08 (2013.01 - EP US); **H03H 9/46** (2013.01 - KR); **H03H 11/0461** (2013.01 - EP US)

Citation (search report)

- [X] WO 0003476 A1 20000120 - STEENSGAARD MADSEN JESPER [DK]
- [X] US 5764100 A 19980609 - CALLICOTTE MARK J [US], et al
- [X] US 5489872 A 19960206 - GOPINATHAN VENUGOPAL [US]
- See references of WO 0223723A1

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DOCDB simple family (publication)

WO 0223723 A1 20020321; CN 100448168 C 20081231; CN 1468466 A 20040114; EP 1320928 A1 20030625; EP 1320928 A4 20040303; EP 1320928 B1 20121121; JP 2004523932 A 20040805; JP 5221834 B2 20130626; KR 100802832 B1 20080212; KR 20030048046 A 20030618; TW 531959 B 20030511; US 6483380 B1 20021119

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